

ABSTRACT

A skimmer for removing oil and paramagnetic chips from a contaminated body of machine tool coolant. The skimmer includes a frame and an endless tube partially trained within the frame that defines a travel path. The path of the tube includes a first section within the body of coolant and a second section out of the body of coolant. The skimmer further includes a magnet disposed within the tube, a drive system mounted to the frame and operatively coupled to the tube to power travel of the tube, and a wiper connected to the frame at a position along the travel path. The wiper is advantageously positioned adjacent to the tube such that the wiper removes oil and metal chips carried by the tube. A receptacle is included that delineates a collection space positioned below the wiper to receive oil and metal chips.